

Please amend Claims 1, 4, 7, 8, 9, 18-22, and 24-27 as follows:

E 12 1. (amended) An isolated *P. aeruginosa* protein, wherein said protein has a molecular weight of about 60 kDa to about 65 kDa, and wherein the N-terminal sequence of said protein comprises an amino acid sequence selected from the group consisting of:

Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala Pro Val Val Xaa Asn Ala

(SEQ ID NO:2); wherein xaa is an unknown aa.

Glu Glu Lys Xaa Xaa Leu (SEQ ID NO:3);

Xaa Glu Glu Lys Thr Pro Leu (SEQ ID NO:4); and

Val Val Xaa Asn Ala (SEQ ID NO:5).

E 13 4. (amended) A fragment of the protein of claim 1.

7. (amended) A composition comprising the protein of claim 1.

E 14 8. (amended) A composition comprising the fragment of claim 4.

E 15 9. (amended) A composition of claim 7 or claim 8, further comprising another *P. aeruginosa* protein or protein-fragment.

18. (amended) A kit for use in detecting or diagnosing *P. aeruginosa*, wherein said kit

comprises the protein of claim 1.

19. (amended) A kit for use in detecting or diagnosing *P. aeruginosa*, wherein said kit comprises the fragment of claim 4.

20. (amended) A kit for use in detecting or diagnosing *P. aeruginosa*, wherein said kit comprises the composition of claim 7 or claim 8. ✓

E 15
21. (amended) The composition of claim 7 or claim 8, wherein said composition elicits an immune response in a subject when administered to said subject. ✓

22. (amended) The composition of claim 9, wherein said composition elicits an immune response in a subject when administered to said subject. ✓

24. (amended) The composition of claim 7 or claim 8, wherein said composition further comprises a pharmaceutically acceptable carrier. ✓

E 16
25. (amended) The composition of claim 9, wherein said composition further comprises a pharmaceutically acceptable carrier. ✓

26. (amended) The composition of claim 7 or claim 8, wherein said composition further comprises an adjuvant. ✓

27. (amended) The composition of claim 9, wherein said composition further comprises an adjuvant. ✓